

Converting Colors

$Yxy(41.0848, 0.3924, 0.5022)$

Have a look what the booklet for
Yxy(41.0848, 0.3924, 0.5022)
contains.

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Color

Yxy(41.0161, 0.3927, 0.5020)

Conversions

Conversions Part 1

Format	Color
Hex	A3B52C
RGB	163, 181, 44
RGB Percent	64%, 71%, 17%
CMY	0.3607, 0.2902, 0.8276
CMYK	0.10, 0.00, 0.76, 0.29
HSL	68°, 61%, 44%
HSV	68°, 76%, 71%
XYZ	32.0857, 41.0161, 8.6036
YIQ	160.0000, 33.2490, -46.4230

Conversions

Conversions Part 2

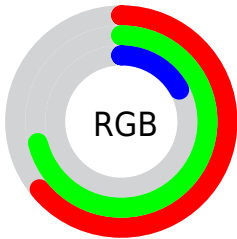
Format	Color
R_{YB}	44, 181, 62
Decimal	10728748
CIE _{Lab}	70.19, -23.35, 62.78
CIE _{LCh}	70, 66.978, 110.404
Yxy	41.0161, 0.3927, 0.5020
Android (android.graphics.Color)	4288918828 (0xFFA3B52C)
YUV	160.0000, -57.1880, 2.6310
Hunter-Lab	64.0438, -22.6489, 36.8657

Details

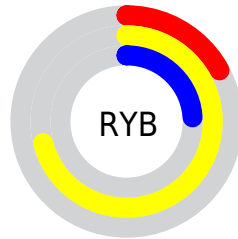
The Yxy color **41.0161, 0.3927, 0.5020** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.1559, 0.1819, 0.0998**, and the grayscale version is **35.4116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8801, 0.3827, 0.4711**, and **18.5641, 0.3915, 0.5273** is the 20% darker color. If you saturate the color by 10%, you get **40.6621, 0.3958, 0.5136**, and if you desaturate by 10%, it is **41.4379, 0.3870, 0.4860**.

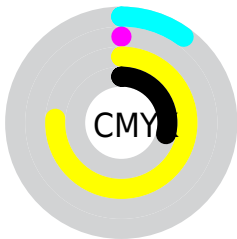
Distribution



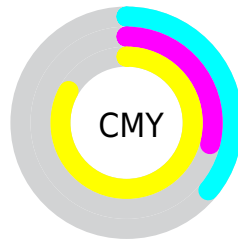
- Red (64%)
- Green (71%)
- Blue (17%)



- Red (17%)
- Yellow (71%)
- Blue (24%)



- Cyan (10%)
- Magenta (0%)
- Yellow (76%)
- Black (29%)





- Cyan (36%)
- Magenta (29%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0161, 0.3927, 0.5020 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 41.0161, 0.3927, 0.5020 by changing the saturation by 10% instead.


 41.0161, 0.3927,
0.5020


 41.0161, 0.3927,
0.5020


350.3879, 0.3592,
0.4151

 28.3317, 0.3974,
0.5217


 76.7083, 0.3829,
0.4714


 18.5758, 0.4009,
0.5450


 100.4849, 0.3785,
0.4595


 11.3642, 0.4027,
0.5743


 128.7277, 0.3744,
0.4494

 6.3123, 0.3953,
0.6047

 161.8210, 0.3708,
0.4406

 3.0359, 0.3688,
0.6312

 200.1493, 0.3674,
0.4329

 1.1505, 0.3037,
0.6963

 244.0970, 0.3644,

 0.0207, 0.0000,

0.4263

1.0000

294.0484, 0.3617,
0.4203

■ 0.0000, 0.0000,
0.0000

■ 41.0161, 0.3927,
0.5020

■ 41.0161, 0.3927,
0.5020

■ 40.6621, 0.3958,
0.5136

■ 41.4379, 0.3870,
0.4860

■ 40.3615, 0.3965,
0.5210

■ 41.9287, 0.3790,
0.4663

■ 40.2416, 0.3964,
0.5234

■ 42.4964, 0.3690,
0.4436

■ 43.1462, 0.3576,
0.4189

■ 43.8830, 0.3452,
0.3934

■ 44.7112, 0.3325,
0.3677

■ 45.6349, 0.3198,
0.3428

■ 46.6579, 0.3075,
0.3190

■ 47.7838, 0.2957,
0.2967

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.0161, 0.4668, 0.4493



41.0161, 0.3927, 0.5020



41.0161, 0.3033, 0.4997

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.0161, 0.3927, 0.5020



41.0161, 0.1525, 0.2314



41.0161, 0.3975, 0.2560

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.0161, 0.3927, 0.5020



6.1559, 0.1819, 0.0998

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.0161, 0.2971, 0.2116



41.0161, 0.3927, 0.5020



41.0161, 0.1685, 0.1942

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.0161, 0.3927, 0.5020



41.0161, 0.1687, 0.3094



41.0161, 0.2163, 0.1896



41.0161, 0.4789, 0.3154

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.0161, 0.3927, 0.5020



41.0161, 0.2461, 0.4526



41.0161, 0.2163, 0.1896



41.0161, 0.3638, 0.2391

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.0180, 0.3927, 0.5020



78.9254, 0.3423, 0.3874



13.2308, 0.5533, 0.3466



16.9501, 0.3468, 0.3965



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.0180, 0.3927, 0.5020



72.4501, 0.3965, 0.5190



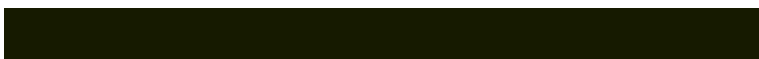
35.7422, 0.3325, 0.5439



9.8490, 0.3244, 0.3516



27.7635, 0.3967, 0.5232



0.8892, 0.4034, 0.5179

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6.1559, 0.1819, 0.0998



7.1714, 0.1608, 0.0700



9.7594, 0.2508, 0.1344



8.2818, 0.3005, 0.3056



2.4493, 0.1557, 0.0632



0.0939, 0.1752, 0.0739

Previews

White Background



This preview shows how the Yxy color 41.0161, 0.3927, 0.5020 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 41.0161, 0.3927, 0.5020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

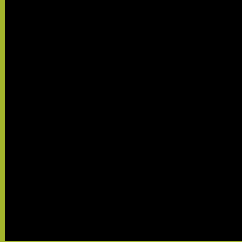
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.0161, 0.3927, 0.5020

Background



This preview shows how black text looks on a background with the Yxy color 41.0161, 0.3927, 0.5020.



This preview shows how white text looks on a background with the Yxy color 41.0161, 0.3927, 0.5020.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.0161, 0.3927, 0.5020

Protanopia

40.8787, 0.4296, 0.4758

Deuteranopia

40.8894, 0.4558, 0.4465



Tritanopia

40.9834, 0.3081, 0.3115

Trichromacy



Original Color

41.0161, 0.3927, 0.5020

Protanomaly

40.6581, 0.4156, 0.4853

Deuteranomaly

40.7070, 0.4324, 0.4669

Tritanomaly

40.2110, 0.3458, 0.3873

Monochromacy



Original Color

41.0161, 0.3927, 0.5020

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.8903, 0.3496, 0.4035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0161, 0.3927, 0.5020 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(163, 181, 44)` looks like.

```
.text, #text, p{  
    color:rgb(163, 181, 44)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(163, 181, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 181, 44) }
```

Border

The CSS property to change the border of an element to Yxy 41.0161, 0.3927, 0.5020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 181, 44) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(163, 181, 44) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(163, 181, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 181, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 181, 44);  
box-shadow:4px 4px 4px 4px rgb(163, 181,  
44) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0161, 0.3927, 0.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 181, 44) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(163,  
181, 44) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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